

**Transgenic Animals and Cell Lines for Screening Drugs  
Effective for the Treatment or Prevention of Alzheimer's  
Disease**

***Abstract***

5 Disclosed are transgenic animals and transfected cell lines expressing a  
protein associated with Alzheimer's Disease, neuroectodermal tumors, malignant  
astrocytomas, and glioblastomas. Also disclosed is the use of such transgenic  
animals and transfected cell lines to screen potential drug candidates for treating  
or preventing Alzheimer's disease, neuroectodermal tumors, malignant  
10 astrocytomas, and glioblastomas. The invention also relates to new antisense  
oligonucleotides, ribozymes, triplex forming DNA and external guide sequences  
that can be used to treat or prevent Alzheimer's disease, neuroectodermal tumors,  
malignant astrocytomas, and glioblastomas.